REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1, 2-17 and 19-24 are pending in the present application. Claim 18 has been canceled, claims 1, 10, 17 and 20 have been amended, and claim 24 has been added by the present amendment.

In the outstanding Office Action, claims 1, 3-7, 9-14 and 16-23 were rejected under 35 U.S.C. § 103(a) as unpatentable over Jain et al. in view of Ottesen et al.; and claims 8 and 15 were rejected under 35 U.S.C. § 103(a) as unpatentable over Jain et al. in view of Ottesen et al. and Aras et al.

Claims 1, 3-7, 9-14 and 16-23 stand rejected under 35 U.S.C. § 103(a) as unpatentable over Jain et al. in view of Ottesen et al. This rejection is respectfully traversed.

Independent claim 1 has been amended to include subject matter similar to that recited in claim 18. In particular, independent claim 1 has been amended to recite that the data server system provides the multimedia streams to the index server system before providing the multimedia streams to the subscriber equipment, and the index server system extracts the index data for the multimedia streams provided in advance and first provides only the extracted index data to the subscriber equipment before providing any multimedia

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contents corresponding to the extracted index data. Independent claim 10 includes similar

features in a varying scope.

Thus, according to the present invention, the user may first receive only the extracted

index data before any multimedia contents corresponding to the extracted index data are

provided. Therefore, because only the index data is first transmitted, the data server does

not have to transmit as much information, and similarly the subscriber unit does not have to

unnecessarily process all of the multimedia contents. Further, upon reviewing the extracted

index data, the user of the subscriber unit may determine not to request the multimedia

contents. Additionally, the user may request only a small portion of the multimedia contents

corresponding to different indexes. Thus, the present invention advantageously first only

transmits the indexed data.

Regarding the subject recited in dependent claim 18, the Office Action indicates Jain

et al. teaches index extraction from multimedia streams, which does not specifically exclude

when the streams are provided in advance and cites col. 2, lines 10-15. However, with

reference to Figure 9 and the Graphical User Interface (GUI) associated with the extendible

video engine 440 (see Figure 2 for the GUI), it can be seen that the entire multimedia

contents are first transmitted to the user and then different features of the multimedia

contents are extracted. Figure 6 illustrates extractions of different features. That is, Jain et

al. does not teach or suggest first providing only the extracted index data to the subscriber

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equipment before providing any multimedia contents corresponding to the extracted index data. Ottesen et al. also does not teach or suggest these features.

Accordingly, it is respectfully submitted independent claims 1 and 10 and each claims depending therefrom patentably define over Jain et al. and Ottesen et al.

New dependent claim 24 has also been added and is similar to dependent claim 20, but depends on claim 1. Further, it is respectfully noted dependent claims 20 and 24 recites that only the subscriber-desired index data is provided to the subscriber equipment. This feature is also described at page 16, lines 4-10, for example. In particular, this section indicates that after the index data are only stored without recording the multimedia streams in the subscriber equipment 300, the index server system 200 may be requested to provide the index data. This can be realized when complete bi-directional service is available. To this end, it is necessary to establish infra and transmit/receiver massive data in real time. The index server system 200 may be requested to actually edit and distribute multimedia streams. In this case, a problem related to copyrights may occur. Accordingly, in the present invention, only the index data is provided. It is respectfully noted Jain et al. also does not teach or suggest providing only the subscriber-desired index data. Further, Ottesen also does not teach or suggest these features.

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Further, it is respectfully submitted the other rejection in the outstanding Office

Action has also been become as Aras et al. also does not teach or suggest the features recited

in the independent claims.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that

the application is in condition for allowance. Favorable consideration and prompt allowance

are earnestly solicited. If the Examiner believes that any additional changes would place the

application in better condition for allowance, the Examiner is invited to contact the

undersigned attorney, **David A. Bilodeau**, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is

hereby made. Please charge any shortage in fees due in connection with the filing of this,

concurrent and future replies, including extension of time fees, to Deposit Account 16-0607

and please credit any excess fees to such deposit account.

Respectfully submitted,
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